



Void Reaver

by Arya "Aurochsen of Illidan" Akhavan (October 2012)

Angles for R.I. = 1.780

57 + 8 girdles = 65 facets

4-fold, mirror-image symmetry

96 index

L/W = 1.000 T/W = 0.392 U/W = 0.392

P/W = 0.507 C/W = 0.237

Vol./W³ = 0.302

PAVILION

P1	42.80°	04-12-20-28-36-44-52-60-68-76-84-92	Cut to centerpoint.
G1	90.00°	96-24-48-72	Set stone size.
G2	90.00°	12-36-60-84	Level girdle.
P2	68.55°	96-24-48-72	Level girdle.
P3	41.30°	08-16-32-40-56-64-80-88	Meet P1, P2, G1, G2

CROWN

C1	45.00°	96-24-48-72	Set girdle width.
C2	50.00°	12-36-60-84	Level girdle.
C3	35.00°	03-21-27-45-51-69-75-93	Meet G1, G2, C1, C2
C4	32.00°	01-23-25-47-49-71-73-95	Meet C1, C3
C5	23.00°	09-15-33-39-57-63-81-87	Meet C2, C3
T	0.00°	Table	Meet C4, C5

I wrote this design instead of studying for anatomy. It's a bit more classic in style than the designs I prefer to write, but it's still decently interesting, and thanks to the fact that it's a barion, it cuts quickly and easily. Written for leucogarnet (grossular), but works in materials from feldspar to rutile (RI = 1.52 - 2.62) with no changes.

Suggested size = 5-10 mm

C:\Program Files (x86)\GemCAD\Designs (Mine)\Void Reaver.gem